

# B128

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Wax/resin

DURABLE ESM™



B128 Durable ESM™ wax/resin is formulated for flat head technology printers and provides super-sharp imprints and clean edge definition. B128 is a logical choice for applications where extra durability of the printed image is required, as it is UV-resistant and offers strong abrasion and environmental resistance. This multi-purpose wax/resin also features medium/high label flexibility, medium print energy, high scratch and abrasion resistance, and medium resistance to common agents.



## Characteristics

Low printhead energy	
Abrasion resistance	●
Scratch resistance	
Print flexibility	
High density print	●
Chemical resistance to common agents	●
Chemical resistance to hazardous chemicals	
High speed	
Anti-static Printhead Saver® coating for printhead protection	●

● Applicable characteristics are indicated with dot

Chemical    Healthcare    Horticulture/Nursery    Pharmaceutical

Retail    Transportation    Warehouse



[www.itwthermalfilms.com](http://www.itwthermalfilms.com)

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DURABLE **ESM**<sup>TM</sup>



Flat head range



#### ITW Thermal Films USA

Romeo, Michigan, USA  
1 586 752 5553

#### ITW Thermal Films Northern Europe

Leicester, United Kingdom  
44 0 116 240 6400

#### ITW Thermal Films Southern Europe

Valenza, Italy  
39 0131 950202

#### ITW Specialty Films Korea

Seoul, Korea  
82 2 2104 9200  
Chonan, Korea  
82 41 559 4100

#### ITW Thermal Films China

Shanghai, China  
86 21 5430 5701



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### Recommended substrates

<b>Papers</b>	Coated
<b>Film</b>	Polyester, Polyethylene, Polypropylene, PVC

### Ribbon properties

<b>Carrier</b>	4.5µm Polyester film
<b>Thickness</b>	< 8.0µm
<b>Color</b>	Black
<b>Ink melting point</b>	80°C
<b>Optical density (transmission)</b>	> 0.90
<b>Optical density (reflection)</b>	> 1.70



This product is halogen free



This information is the best currently available on the subject. The results should, however only be regarded as a general guide to material properties and not as a guarantee